

**Declaration under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DIJKSTRA J ET AL: "Automatic border detection in intravascular ultrasound images for quantitative measurements of the vessel, lumen and stent parameters" COMPUTERS IN CARDIOLOGY 2001. VOL.28 (CAT. NO.01CH37287) IEEE PISCATAWAY, NJ, USA, 23 September 2001 (2001-09-23), pages 25-28, XP010573207 ISBN: 0-7803-7266-2 * section 2.1 * page 25, right-hand column, last paragraph figure 1 ----- -/--	1,11-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

13 September 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>VEZJAK M ET AL: "System for description and identification of individuals" ELECTROTECHNICAL CONFERENCE, PROCEEDINGS 6TH MEDITERRANEAN LJUBLJANA, SLOVENIA, NY, USA, IEEE, 22 May 1991 (1991-05-22), pages 1251-1254, XP010040089 ISBN: 0-87942-655-1 page 1252, left-hand column, lines 1-11 page 1253, left-hand column, last paragraph</p>	1,11-14
X	<p>KONING G ET AL: "Advanced contour detection for three-dimensional intracoronary ultrasound: a validation - in vitro and in vivo" INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING KLUWER ACADEMIC PUBLISHERS NETHERLANDS, vol. 18, no. 4, August 2002 (2002-08), pages 235-248, XP008035202 ISSN: 0167-9899 page 238, left-hand column, line 25 - right-hand column, line 15</p>	1,11-14
A	<p>KOMPATSIARIS I ET AL: "DEFORMABLE BOUNDARY DETECTION OF STENTS IN ANGIOGRAPHIC IMAGES" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 19, no. 6, June 2000 (2000-06), pages 652-662, XP001148120 ISSN: 0278-0062 cited in the application figure 3 page 653, left-hand column, last paragraph page 655, left-hand column * section 5 *</p>	1-14
A	<p>WO 02/02173 A (CEDARS SINAI MEDICAL CENTER) 10 January 2002 (2002-01-10) page 4, last paragraph page 7, line 25 - line 29 page 8, line 4 - line 11</p>	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/1/3/05495

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0202173	A	10-01-2002	US 6532380 B1	11-03-2003
			AU 7926701 A	14-01-2002
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